

These examination regulations have been worded carefully to be up to date; however, errors cannot be completely excluded. The official German text available from L1 – Legal Affairs and Academic Quality Management is the version that is legally binding.

These examination regulations shall apply to all students starting the Bachelor's and Master's degree programmes **from** winter semester 2010/2011 onwards.

Note: Students who started their studies before the latest amendment came into effect are requested to also comply with previous amendments and the respective transitory provisions.

**Examination Regulations for the
Bachelor's and Master's Degree Programmes in Molecular
Medicine at
Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)
– PO MolMed –
Dated September 28, 2007**

amended by statutes of
December 10, 2008
September 29, 2010
October 08, 2012
July 22, 2014
February 18, 2016
January 13, 2021

Based on Section 13 (1)(2), Section 43 (5), Section 58 (1) and Section 61 (2)(1) of the Bavarian Higher Education Act (Bayerisches Hochschulgesetz, **BayHSchG**), FAU enacts the following degree programme and examination regulations:

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Part I: General Provisions

Section 1 Scope, Purpose of the Bachelor's and Master's Examination

(1) These examination regulations govern the examinations for the Bachelor's and Master's degree programmes in Molecular Medicine at the Faculty of Medicine resulting in the degrees 'Bachelor of Science' and 'Master of Science'.

(2) ¹The Bachelor's degree is the first degree in Molecular Medicine. ²By passing the Bachelor's examination, students demonstrate that they have acquired fundamental knowledge of molecular medicine in the Bachelor's degree programme, are able to work independently according to academic methods and are familiar with the fundamental aspects of laboratory safety.

(3) ¹The Master's degree is a second university degree in molecular medicine that qualifies graduates for further research as well as professional work. ²By passing the Master's examination, students demonstrate that they have acquired fundamental knowledge in all areas of molecular medicine and are able to explore and develop new research areas and applications as independent researchers.

Section 2 Degrees

(1) Passing the examinations results in the following degrees, depending on the type of degree programme:

1. The degree of Bachelor of Science (abbreviation: BSc) for passing the Bachelor's examination
2. The degree of Master of Science (abbreviation: MSc) for passing the Master's examination

(2) The degree may also be used with the addition '(FAU Erlangen-Nürnberg)'.

Section 3 Bachelor's Degree Programme, Standard Duration of Studies, Start of Degree Programme, Teaching and Examination Language

(1) ¹The Bachelor's degree programme consists of an initial phase called the Grundlagen- und Orientierungsphase, followed by the Bachelor's phase. ²Students shall pass a Grundlagen- und Orientierungsprüfung (GOP) covering the foundations of the Bachelor's degree programme by the end of the second semester. ³The subsequent part of the Bachelor's degree programme includes the examinations until the end of the standard duration of study. ⁴To complete the Bachelor's programme successfully, students shall achieve 180 ECTS credits pursuant to **Appendix 1**, which include all required module examinations and the Bachelor's thesis module.

(2) The standard duration of the Bachelor's degree programme is six semesters.

(3) The Bachelor's degree programme may only be started in the winter semester.

(4) ¹The teaching and examination language in the Bachelor's degree programme is German. ²Individual teaching units and examinations may be taught and assessed in English. ³Further details are stipulated in **Appendix 1** and/or the module handbook. ⁴In any case of uncertainty, the examination language shall be the same as the teaching language. ⁵The **degree programme and examination regulations** can stipulate provisions deviating from sentences 1 and 2 and allow for other teaching and examination languages.

Section 4 Master's Degree Programme, Examinations and Standard Duration of Study

(1) ¹The Master's degree programme builds on the content of the Bachelor's programme; it is more research-oriented. ²To complete the Master's programme successfully, students shall achieve 120 ECTS credits pursuant to **Appendix 3**, which include all required module examinations and the Master's thesis module.

²The standard duration of study in the Master's degree programme is four semesters.

(3) The Master's degree programme may only be started in the winter semester.

(4) ¹The teaching and examination language of the Master's degree programme is English. ²Individual teaching units and examinations may be taught and assessed in German. ³Further details are stipulated in **Appendix 3** and/or the module handbook. ⁴In any case of uncertainty, the examination language shall be the same as the teaching language.

Section 5 ECTS Credits

(1) ¹The degree program and examinations are based on the European Credit Transfer and Accumulation System (ECTS). ²30 ECTS credits are allocated per semester. ³One ECTS credit corresponds to 30 hours of work.

(2) ¹ECTS credits serve as a system to categorize, calculate and confirm the amount of work a student has invested. ²They are a quantitative indicator of a student's workload.

Section 6 Modules and Credits, Voluntary Intermediate Examinations

(1) ¹The degree program consists of modules for which students are awarded ECTS credits. ²One module is a chronologically connected and self-contained teaching and learning unit, the content of which can be tested in an examination.

(2) ¹The modules shall be completed with a module examination. ²This examination shall as a rule consist of one examination achievement or one course achievement. ³In exceptional cases, this examination can also consist of several partial examinations or parts of examinations or a combination of examination and course achievements if the subject warrants it. ⁴Ungraded course achievements consisting of several parts and/or course achievements which can be repeated an unlimited number of times shall not count as examinations consisting of several parts as defined in sentence 3. ⁵ECTS credits shall only be awarded for successful participation in modules that can be verified in an individual, separately identifiable performance in a module examination. ⁶Module examinations are conducted during the lecture period or following the last lecture/seminar of a module before the start of the next semester's lecture period.

(3) ¹Examinations (examination achievements and course achievements) measure the student's performance. ²They may be written, oral, electronic, or in a different form. ³Examination achievements and partial examinations are graded. ⁴The assessment of course achievements may be limited to determining whether the student has passed or not.

(4) ¹Tutorial achievements (TA) generally involve independently solving exercises each week (e.g. exercises in programming or calculations, or e-learning units, which are assessed on the basis of an exercise log, compilation or electronic record). ²Practical achievements (PA) generally involve completing practical tasks, documenting them in a series of reports and completing oral or written tests on the practical task at hand. ³Students may also be required to complete seminar achievements (SEA) (generally a presentation and handout). ⁴The specific form and scope of the examinations stated in sentences 1 to 3 depend on the specific manner in which the respective module or teaching unit is taught. Details are stipulated in (5), the applicable **appendix** and/or the module handbook.

(5) ¹The scope of a seminar achievement pursuant to (4)(3) depends on the specific topic which has been allocated and shall be agreed with the module coordinator. ²Unless stipulated otherwise in the relevant **appendix**, the presentation shall generally last approximately 30 minutes and the handout shall be approximately 10 pages long.

(6) ¹In addition to the module examinations, voluntary intermediate examinations (e.g. paper and computer exercises, presentations) may be offered during courses as a way of measuring the standard of performance. ²More detailed information, including the number, type and scope of these examinations, is given in the module handbook. ³If a student chooses to use the option detailed in sentence 1, these results shall be taken into account when determining the grade for the module. ⁴Intermediate examination

achievements may improve the grade for a module examination or partial examination by a maximum of 0.7; a grade may not be made worse.

(7) Enrolment in the degree programme in molecular medicine at FAU is a requirement for participation in module examinations according to (2)(1). This shall not apply to resit examinations pursuant to Sections 28 and 32.

Section 7 Examination Deadlines, Failure to Observe Deadlines

(1) ¹Examinations shall be sat in such a timely manner as to allow 30 ECTS credits to be obtained in the GOP, 180 ECTS credits to be obtained in the Bachelor's examination and 120 ECTS credits to be obtained in the Master's examination by the end of the scheduled deadlines. ²Deadlines shall be the second semester of the Bachelor's degree programme for the GOP and the last semester of the respective standard duration of study for the Bachelor's or Master's examination. ³The deadlines according to sentence 2 may be exceeded by the following periods (extended deadline):

1. GOP – by one semester
2. Bachelor's examination – by two semesters
3. Master's examination – by one semester

⁴An examination shall be considered to have been sat and failed at the final attempt if the required number of ECTS credits was not obtained within the extended deadline according to sentence 3, unless the reasons for this are beyond the student's control.

(2) The deadline set forth in paragraph (1) shall be extended by claiming the legal periods of protection stipulated in the law protecting mothers at work, in education and whilst studying, the Maternity Protection Act (Mutterschutzgesetz – MuSchG) in the version published on 23 May 2017 (BGBl I S. 1228 [German Federal Law Gazette I p.2318]), according to the periods set forth in the current version of the Parental Allowance and Parental Leave Act (Bundeselterngeld- und Elternzeitgesetz – BEEG) of December 5, 2006 (BGBl I S. 2748 [German Federal Law Gazette I p. 2748]), and according to periods of time spent providing care in the sense of Section 7 (3) of the current version of the Caregiver Leave Act (Pflegezeitgesetz - PflegeZG) of 28 May 2008 (BGBl I S. 874, 896 [German Federal Law Gazette I p. 874, 896]) for a close family member who requires care in the sense of the current version of SGB XI (German Social Security Code XI) of 26 May 1994 (BGBl I S. 1014, 1015 [German Federal Law Gazette I p. 1014, 1015]).

(3) ¹The reasons according to paragraph (1)(4) and paragraph 2 shall be explained in writing and shown credibly to the Examinations Office without delay. ²If the reasons are acknowledged, the examination shall be sat at the soonest possible time; previous examination and course achievements shall be accredited. ³In case of an incapability to sit the examination occurring before or during the examination, the examiner shall be notified immediately; in cases where the student is unable to sit an examination due to illness, an official doctor's certificate shall be submitted to the Examinations Office at the same time. ⁴The Examinations Committee may require the student to submit a certificate from an official medical examiner (vertrauensärztliches Attest). ⁵In case of withdrawal from an examination due to illness after the examination has started, the student must submit a certificate from an official medical examiner to the Examinations Office without delay.

Section 8 Examinations Committee

(1) ¹An Examinations Committee consisting of five members shall organise the examinations. ²The chairperson, their representative and the three further members of the Examinations Committee, as well as a substitute member for each committee member, shall be elected by the Faculty of Medicine's Faculty Council and shall be professors involved in courses in the Bachelor's and Master's degree programmes in Molecular Medicine from the Faculty of Medicine or the Faculty of Sciences (Mathematics, Physics and Biology, Chemistry and Pharmacy). ³The term of office of the members shall be three years; re-election shall be permitted.

(2) The chairperson may transfer tasks within their responsibility to a member of the Examinations Committee.

(3) ¹The Examinations Committee shall be tasked with carrying out the examination procedures, especially the planning and organisation of the examinations. ²Its duties include ensuring that the provisions of these examination regulations are observed. ³The Examinations Committee shall take all necessary decisions, with the exception of the actual examinations and examination results. ⁴The Examinations Committee can transfer responsibility for regularly recurring or highly degree programme-specific tasks (see Section 9 (1)(4)) to the pertinent Degree Programme Committee as specified in Section 9. ⁵The Degree Program Committee shall check delegated decisions if requested to do so and shall verify that examinations have been legitimately assessed. ⁶It shall regularly report to the Faculty Council on the development of examinations and study periods. ⁷The members of the Examinations Committee shall have the right to be present during examinations. ⁸The Examinations Committee shall have recourse to the Examinations Office when carrying out its tasks.

(4) The evaluation of the qualification and admission requirements for the Master's degree programme pursuant to Section 30 shall be the responsibility of the Examinations Committee.

(5) ¹The Examinations Committee shall have a quorum when all members are summoned in writing observing a notice period of at least one week and the majority of members are present and eligible to vote. ²Decisions shall be taken with the majority of votes cast in meetings. ³Abstentions, ballot votes and delegation of votes shall not be permitted. ⁴In case of a tie of votes, the vote of the chairperson shall be decisive.

(6) ¹The chairperson shall call the meetings of the Examinations Committee. ²The chairperson shall be entitled to take decisions that cannot be delayed on behalf of the Examinations Committee. ³The Examinations Committee shall be informed of such cases without delay. ⁴Furthermore, unless these examination regulations state otherwise, the Examinations Committee shall have the right to transfer individual tasks to the chairperson as well as revoke these.

(7) ¹Official notifications in legal matters pertaining to examinations shall be made in writing; reasons shall be given and information on legal remedies available to the person shall be included. ²Students shall be given the opportunity to make a statement before negative decisions are finalized. ³The Examinations Committee shall have the right to rule that grade notifications may be sent out in electronic form to the individual

students. ⁴The President shall issue any notification of objection in questions of examination legislation following consultation with the Examinations Committee and after hearing the examiners.

Section 9 Degree Programme Committee

(1) ¹A Degree Programme Committee shall be established for each degree programme for quality assurance purposes. ²At the minimum, the Degree Programme Committee shall include faculty members, students, and subject advisors. ³The Degree Programme Committee shall meet at regular intervals to consult on organisational and content-related issues regarding the degree programme and on any changes to the examination regulations. ⁴The committee shall be responsible for the tasks transferred to it by the Examinations Committee pursuant to Section 8 (3)(4), for example setting compulsory elective modules or taking decisions on exceptions to the rules governing supervision of final theses.

(2) ¹The Degree Programme Committee shall have a quorum when all members are summoned observing a notice period of at least one week and the majority of members is present and eligible to vote. ²Decisions shall be taken with the majority of votes cast in meetings. ³In case of a tie of votes, the vote of the chairperson shall be decisive. ⁴The chairperson shall call the meetings of the Degree Programme Committee. ⁵The chairperson shall be entitled to take decisions that cannot be delayed on behalf of the Degree Programme Committee. ⁶Furthermore, unless these examination regulations state otherwise, the Degree Programme Committee shall have the right to transfer individual tasks to the chairperson as well as revoke these responsibilities. ⁷The members of the Degree Programme Committee shall be appointed by the Faculty Council. ⁸Section 8 (6) and Section 8 (7) shall apply accordingly.

Section 10 Examiners, Exclusion Due to Personal Involvement, Obligation to Confidentiality

(1) ¹The Examinations Committee shall appoint the examiners. ²All persons eligible to administer examinations according to the current version of the Bavarian Higher Education Act (BayHSchG) and the Bavarian Higher Education Examiners Act (BayHSchPrüferV) shall be eligible for appointment. ³If an eligible examiner leaves the University, they shall usually remain eligible to act as an examiner for up to one year. ⁴The Examinations Committee shall have the right to extend this period upon request. ⁵The Examinations Committee shall keep a list of all persons eligible to administer examinations in this degree programme.

(2) A change of examiners shortly before the start of an examination shall be permissible on urgent grounds.

(3) ¹Persons who have completed the degree programme in question or a degree programme related to it shall be eligible for appointment as observers. ²Observers shall be research associates in principal employment at the University.

(4) Exclusion from the deliberation and voting process of the Examinations Committee as well as from the positions of examiner and observer due to personal involvement shall be governed by Section 41 (2) **BayHSchG**.

(5) The obligation to confidentiality of the Examinations Committee and other persons involved in matters pertaining to examinations shall be governed by Section 18 (2)(2) and 18(2)(3) **BayHSchG**.

Section 11 Announcement of Examination Dates and Examiners, Registration, Withdrawal

(1) The dates of the examinations and the examiners shall be announced by the Examinations Office in good time and according to local practice.

(2) ¹The students shall register for the individual module examinations after the start of the lecture period. ²The registration dates and formalities shall be announced in good time before registration and according to local practice.

(3) ¹Notwithstanding the deadlines set forth in Sections 7 and 28, withdrawal from first attempts at written and oral examinations shall be permitted without stating reasons up until the end of the third working day before the examination date; withdrawals are to be submitted to the examiner; the days between and including Monday and Friday shall be considered as working days. ²In cases where the student is unable to sit an examination due to illness, a certificate from an official medical examiner (vertrauensärztliches Attest) may be required by the Examinations Committee responsible. ³In case of withdrawal from an examination due to illness after the examination has started, the student must submit a certificate from an official medical examiner to the Examinations Office without delay. ⁴Once a student has declared that they wish to withdraw they may not revoke this declaration; registration to the examination shall be cancelled once the declaration is submitted and the student shall no longer be entitled to take the examination. ⁵The consequences of a delayed or invalid withdrawal shall be governed by Section 13 (1) and Section 13 (2).

Section 12 Accreditation of Skills

(1) ¹Study periods, modules, course and examination achievements achieved in other degree programmes at FAU or other public or state-approved universities in the Federal Republic of Germany, through successful participation in a distance course as part of a degree programme at a public or state-approved university in the Federal Republic of Germany, or in degree programmes at foreign universities shall be accredited according to these examination regulations unless there are significant differences in the skills acquired. ²The same shall apply to study periods, and course and examination achievements achieved at a public or state-approved university in Bavaria in the course of other study programmes as defined in Section 56 (6)(1) and (2) **BayHSchG**, in special study programmes according to Section 47 (3)(1) **BayHSchG**, or at the Virtual University of Bavaria.

(2) ¹Skills acquired in programmes for professional development as defined by Section 56 (6)(3) **BayHSchG**, or outside of higher education shall be accredited if they are equivalent to skills acquired through university studies. ²Skills acquired outside the university sector shall replace no more than half of the required skills of which students must provide proof.

(3) ¹The grades achieved in approved modules, examinations and course achievements shall be transferred if they were awarded according to Section 19. ²If the grading system applied in the examinations sat at the university or equivalent institution of higher education and accredited by FAU is not identical to the grading system set forth

in Section 19, the grades achieved at other universities shall usually be converted according to the following formula:

$x = 1 + 3 (N_{\max} - N_d) / (N_{\max} - N_{\min})$ where

x = converted grade

N_{max} = best grade attainable

N_{min} = lowest grade for passing

N_d = grade attained

umgerechnet.

³Only one decimal place is shown for the grades thus calculated. ⁴If conversion is not possible, the Examinations Committee usually determines a system by which to calculate the grades.

(4) ¹The documents needed for this accreditation shall be submitted to the chairperson of the Examinations Committee. ²Subject to the provisions in sentence 3, the student shall have a legal claim to accreditation if the conditions stipulated in (1) and (2) are met. ³Accreditation is only possible if the student has not already lost the right to be examined in that subject at FAU by passing or failing to pass the relevant examination at the final attempt. ⁴Following a request for accreditation from a student, the decision shall rest with the chairperson of the Examinations Committee after consultation with the department representative. ⁵The decision shall be issued in writing.

Section 13 Consequences of Delayed Withdrawal, Breach of Regulations, Fraud

(1) ¹An examination shall be graded as 'nicht ausreichend' (unsatisfactory; 5.0) if the student withdraws from the examination after the withdrawal period (cf. Section 11 (3)) without good reasons. Section 7 (3) shall not be affected. ²The reasons for withdrawal or tardiness shall be explained in writing and shown credibly to the Examinations Committee or the examiner responsible for the examination in question without delay. Section 7 (3) sentences 2 to 4 shall apply accordingly. ³If the Examinations Committee accepts the reasons, the examination must be sat on the next possible date.

(2) In case of plagiarism or an attempt to commit fraud or to influence the result of an examination through the use of unauthorised materials, the examination in question shall be graded 'nicht ausreichend' (unsatisfactory, 5.0).

(3) Persons who disturb the orderly examination process may be excluded from continuing the examination by the authorised examiner or invigilator; in this case the examination achievement in question shall be graded 'nicht ausreichend' (unsatisfactory, 5.0).

(4) In case of a repeated or severe breach of regulations in the sense of (1) or (2), the Examinations Committee may exclude students from further participation in the examination.

Section 14 Faults in the Examination Process

(1) Should it turn out that the examination process was faulty in a manner that influenced the result of the examination, it shall be ordered upon a student's request that a certain student or all students shall resit the examination or parts of the same.

(2) Faults in the examination process shall be reported to the chairperson of the Examinations Committee or the examiner without delay.

(3) Six months after completion of the examination, resit examinations may no longer be ordered as stipulated in paragraph (1).

Section 14a Revocation of Degrees

The revocation of Bachelor's and Master's degrees shall be governed by Section 69 BayHSchG.

Section 15 Compulsory Attendance

(1) ¹For teaching units, which are marked accordingly in the respective module description, in which the qualification goal can only be achieved by regular attendance, compulsory attendance can be made a requirement for admission to the module examination or for obtaining the course achievement. ²If attendance of the individual student is required for all participants to obtain the subject-specific skills, if the individual student obtaining such skills depends on the attendance of the other participants, or if subject-specific skills can only be obtained by being present at a particular place, or if participation is required for safety reasons, it is permissible to introduce an obligation to attend.

(2) ¹Regular attendance is defined as missing no more than 15% of instruction time in any given teaching unit. ²If between 15% and 30% of the lectures have been missed, the lecturer can offer the student the option to obtain a skills-oriented substitute achievement fulfilling the requirement of regular attendance. If no such substitute achievements are offered or the substitute achievements offered are not obtained by the student, attendance is not considered to have been regular. ³If more than 30% of all instruction time has been missed, the teaching unit must be taken again. ⁴Any positions after the decimal point in the percentage of instruction time missed shall be rounded for the benefit of the student.

(3) ¹Notwithstanding paragraph 2, in the context of excursions, placements and block seminars, attendance is only considered to have been regular if all teaching units have been attended. ²Appropriate substitute achievements fulfilling the requirement of regular attendance shall be offered in the case of credibly shown periods of absence due to reasons beyond the student's control of up to and including 15% of instruction time. ³If more than 15% of instruction time has been missed, the teaching unit must be taken again. ⁴Any positions after the decimal point in the percentage of instruction time missed shall be rounded for the benefit of the student.

(4) Attendance is checked in the individual teaching units by means of an attendance list in which students must enter their name and signature.

Section 16 Written Examinations

(1) ¹In written examinations (written examinations, assignments or seminar papers) students are required to prove that they are capable of identifying a problem within a limited period and with limited materials, using the conventional methods employed in their field, and to find a solution to this problem. ²Written examinations shall generally be evaluated by two examiners. ³If the two evaluations differ, the mean of the grades shall be calculated. ⁴If a written examination achievement is graded as 'nicht ausreichend' (unsatisfactory) it shall be presented to a second examiner for evaluation. ⁵The examiner's evaluation must be documented in writing and reasons for the final grade must be made clear.

(2) ¹The duration of each written examination is determined separately for each module. ²Details are given in **Appendices 1 and 3**.

(3) ¹Written examinations may take the form of multiple-choice examinations (single or multiple choice), either in full or in part. ²Detailed information on the modules in which written examinations take the form of multiple choice questions are given in the module handbook. ³The examinee shall state which of the answers to the questions they deem to be correct. ⁴Examination questions must allow for reliable examination results. ⁵When drawing up the examination questions, it shall be specified which of the answers shall be accepted as correct. ⁶If the question does not allow multiple answers, multiple answers shall be inadmissible and disregarded. ⁷Before the evaluation of the examination results, at least two of the authors of the examination shall assess whether the examination questions allow for reliable examination results. ⁸Should they determine that individual examination questions are faulty, these shall not be taken into account in the evaluation of the examination result; the number of examination questions shall be considered to have been reduced. ⁹This reduction in the number of examination questions may not result in disadvantages for any of the examinees. ¹⁰No minus points may be awarded outside of individual examination questions.

(4) ¹The examinations according to (1)(1) shall be considered to have been passed if:

1. The examinee answered at least 60 percent of the examination questions correctly/achieved at least 60 percent of the attainable points, or
2. The examinee answered at least 50 percent of the examination questions correctly/achieved at least 50 percent of the attainable points and the number of correct answers/points obtained is no more than 17 percent below the average number of correct answers/points obtained by all examinees sitting the examination for the first time.

²If sentence 1(2) is applied, the Dean of Studies shall be notified.

(5) In case of written examinations that are not entirely composed of multiple choice questions, (3) and (4) shall only apply to the respective part.

Section 17 Computer-based Examinations

¹Examinations may be administered in electronic form. ²Electronic examinations (e-examinations) are examinations which are administered and evaluated via computer or using digital technology. ³The authenticity and integrity of the examination results shall be verified. ⁴Automatically calculated evaluations of examination achievements shall be verified by one examiner at the request of the examinee or two examiners in case of a failed examination. ⁵Detailed information on the modules in which examinations are in electronic form is given in the module handbook.

Section 18 Oral Examinations

(1) ¹Oral examinations shall be conducted by an examiner in the presence of an observer with knowledge of the subject or by more than one examiner. ²The observer shall be appointed by the examiner responsible for the examination in question according to the criteria set by the Examinations Committee.

(2) ¹The duration of each oral examination is determined separately for each module. ²Details are given in **Appendices 1 and 3**.

(3) ¹A record shall be kept of the oral examination; this shall include the following: place, date and duration of the examination; name of the module to which the examination belongs and number of ECTS credits allocated to the module; subject and result of the examination; the names of the examiners, the observer and the student; and any special occurrences. ²The record shall be signed by the authorized examiners and the observer. ³It shall not be necessary to record the questions asked in the examination or the answers given. ⁴The record shall be stored for at least two years.

Section 19 Evaluation of Examinations

(1) ¹The evaluation of individual examination achievements shall be expressed with the following grades and ratings:

Grade (in words)	Grade	Explanation
sehr gut (very good)	= (1.0 or 1.3)	an outstanding achievement
gut (good)	= (1.7 or 2.0 or 2.3)	an achievement that exceeds the average requirements considerably
befriedigend (satisfactory)	= (2.7 or 3.0 or 3.3)	an achievement that fulfils average requirements;
ausreichend (sufficient)	= (3.7 or 4.0)	an achievement that fulfils the requirements despite flaws
nicht ausreichend (unsatisfactory)	= (4.3 or 4.7 or 5.0)	an achievement that no longer fulfils requirements due to considerable flaws.

(2) ¹An examination (Section 6 (2)) shall have been passed if it has received at least the grade 'ausreichend' (sufficient). ³Ungraded examinations (Section 6 (3)(4)) shall either count as 'bestanden' (pass) or 'nicht bestanden' (fail); this also applies in the case of a combination of several course achievements in cases as described in Section 6 (2)(3). ³A module examination is passed when all partial achievements (Section 6 (2)(3)) have been passed. ⁴If an examination is evaluated by several examiners or includes several partial achievements, the total grade shall be calculated from the weighted average of the individual grades; the grading system described in (1) shall not apply. ⁵One decimal place shall count towards the module grade; further decimal places shall be omitted without being rounded.

(3) ¹Multiple choice examinations shall be evaluated as follows: ²Students who answer the required minimum of examination questions according to Section 16 (4)(1) correctly shall receive the grade

1.0 (sehr gut/very good) if at least 75 percent of the remaining questions were answered correctly or remaining points were achieved,
 2.0 (gut/good) if at least 50 percent but less than 75 percent of the remaining questions were answered correctly or remaining points were achieved,
 3.0 (befriedigend/satisfactory) if at least 25 percent but less than 50 percent of the remaining questions were answered correctly or remaining points were achieved,
 4.0 (ausreichend/sufficient) if none or less than 25 percent of the remaining questions were answered correctly. ³The grades can be increased or decreased by increments of 0.3 according to the percentage; the grades 0.7, 4.3 and 4.7 shall not be awarded. ⁴Students who do not achieve the required minimum shall receive the grade 5.0. ⁵Sentence (3) notwithstanding, the grades 4.3 and 4.7 may be awarded in cases in which examinations according to Section 16 (5) partly take the form of a multiple choice examination.

(4) ¹The overall grade of the Bachelor's examination, the Master's examination and the modules shall be as follows:

at an average of up to	1.5	= sehr gut (very good)
at an average of over	1.5 and up to 2.5	= gut (good)
at an average of over	2.5 and up to 3.5	= befriedigend (satisfactory)

at an average of over 3.5 and up to 4.0 = ausreichend (sufficient)

²Students who pass the Bachelor's or Master's examination with a final grade between 1.0 and 1.2 shall receive the overall assessment 'mit Auszeichnung bestanden' (passed with distinction).

(5) ¹Unless stipulated otherwise in **appendices 1 and 3**, the module grades shall be calculated from the average of the individual examinations set forth in Section 6 (2)(3); the grading system described in (1) shall not apply. ²One decimal place shall count towards the module grade; further decimal places shall be omitted without being rounded. ³If there is only one graded examination in a module, this grade shall be the grade for the module. ⁴In case of ungraded course achievements, the module shall be rated as 'bestanden' (pass) or 'nicht bestanden' (fail).

(6) ¹All module grades of the Bachelor's degree programme shall be included in the calculation of the final grade of the Bachelor's and Master's examination, with the individual grades weighted according to their ECTS credits. ²Paragraph 2 (7) shall apply accordingly.

(7) **Appendices 1 and 3** stipulate whether modules are given half or double weighting in the calculation of the grade.

Section 20 Invalidity of Examinations

(1) If fraudulent methods were used during the examination and if this only becomes known after the certificate has been awarded, the Examinations Committee may correct the grade retrospectively and declare the examination as having been failed in part or in full.

(2) If the requirements for admission to the examination were not fulfilled while no fraudulent acts were committed wilfully, these circumstances shall be considered remedied by the passing of the examination.

(3) Students shall be given the opportunity to make a statement before a decision is taken.

(4) ¹The incorrect certificate shall be withdrawn; a new certificate shall be issued if applicable. ²A decision according to paragraph (1) shall be excluded after a period of five years starting with the certificate's date of issue.

Section 21 Inspection of Examination Records

(1) After the completion of the individual examination procedures, students shall on request be entitled to inspect their written examination papers, the corresponding reviews by the examiners, and the examination records.

(2) ¹Students shall submit the request to the examination body responsible within one month of being notified of their grades. ²Unless the Examinations Office is responsible, the examiner shall allow the inspection; further details shall be decided by the Examinations Committee. ³Students prevented from observing the deadline according to (1) through no fault of their own shall be granted full restitution according to Section 32 of the **Bavarian Administrative Procedures Act (BayVwVfG)**.

Section 22 Final Academic Record, Transcript of Records, Diploma Supplement, Grade Distribution Table, Degree Certificate

1 Students who have successfully completed a degree programme shall receive a final academic record, a transcript of records, a diploma supplement, a grade distribution table and a degree certificate, within four weeks if possible.

(2) ¹The final academic record shall include the modules and module grades as well as the overall grade in the Bachelor's or Master's examination. ²The transcript of records lists all modules attended; the final academic record and the transcript of records may be combined into one document. ³The transcript of records and the diploma supplement shall be issued in English and German. ⁴Information not yet available to the Examinations Office must be submitted together with the required proof by the time of the degree program's completion at the latest; otherwise this information may no longer be taken into consideration for the documents listed in paragraph (1).

Section 23 Failed Bachelor's or Master's Examination

¹Students who fail the Bachelor's or Master's examination at the final attempt shall receive notification that the examination has been failed at the final attempt, including information on legal remedies available. ²Students can also print off an overview of their grades achieved in the individual modules in the examination administration system.

Section 24 Adjustments to Examination Arrangements

(1) ¹The examination procedure shall be adjusted to take into account the nature and extent of a student's disability. ²Students with a doctor's certificate showing credibly that they are either partially or fully incapable of sitting the examination in the intended manner due to long-term or permanent disabilities which do not affect the performance which is being tested shall be entitled to be granted permission by the chairperson of the Examinations Committee to have this disadvantage offset by working time being extended accordingly or the examination process being structured differently. However, care must be taken to ensure that the examination is still suitable to provide evidence of skills which are being assessed by the examination.

(2) Adjustments to examination arrangements may be made for pregnant students if the student submits a medical certificate confirming that she will be at least 30 weeks pregnant by the examination date to the Examinations Committee responsible at least four weeks before the examination date. Schwangerschaftswoche befinden werden.

(3) ¹Decisions according to paragraphs (1) and (2) shall only be taken by the chairperson of the Examinations Committee upon written request. ²The student may be required to submit an official certificate from a medical examiner (vertrauensärztliches Attest) proving the fulfillment of the conditions in paragraph (1). ³Applications for adjustments to examination arrangements shall be made to the Examinations Committee at the latest four weeks before registration for the examination.

Part II: Specific Provisions I. Bachelor's Degree Programme

Section 25 Bachelor's Examination

¹The modules that must be completed as part of the degree programme and the modules which form the GOP along with the semester in which they should be taken, as well as details of the module examinations are stipulated in **Appendix 1** to these examination regulations. ² The Grundlagen und Orientierungsprüfung (GOP) shall have been passed if the requirements stipulated in **Appendix 1** have been fulfilled. ³A total of 180 ECTS credits are required to successfully complete the degree programme.

Section 26 Admission Requirements for Examinations

(1) ¹Students enrolled in a Bachelor's degree programme shall be deemed as admitted to the Bachelor's examination and the module examinations of which the Bachelor's examination consists, unless admission is to be refused. ²Admission shall be refused if:

1. Requirements are not met or certificates are not submitted at all or not in due time as stipulated under Special Provisions and in **Appendix 1**.
2. The GOP, the Bachelor's examination, the Diplom intermediary examination or the Diplom examination in the same subject or in a related subject (e.g. molecular life sciences) has been failed at the final attempt.
3. It has been ordered that the student is to be de-registered, resulting in the revocation of the student's right to sit the examination.

(2) If admission to the examinations is to be refused, the decision shall be taken without delay, furnished with reasons and information on legal remedies available, and announced to the student.

Section 27 Bachelor's Thesis

(1) ¹The Bachelor's thesis is intended to show that the student is capable of dealing with a problem from their field independently according to scientific methods within a set period and presenting the results in an appropriate form. ²Students are awarded 10 ECTS credits for the Bachelor's thesis.

(2) ¹Lecturers (supervisors) involved in all degree programmes relevant to the core curriculum of the degree programme shall be entitled to assign Bachelor's theses. ²The Examinations Committee shall have the right to grant exceptions. ³The Examinations Committee shall keep a list of all persons eligible to supervise Bachelor's theses. ⁴The Examinations Committee may permit students to write their thesis at an institution outside the University if supervision there is ensured.

(3) ¹Students shall ensure that they are allocated a subject for their Bachelor's thesis in time to observe the deadlines set forth in Section 7, usually at the start of the last semester in the regular duration of studies. ²The Examinations Office shall be notified of the subject and the date of allocation. ³Should a student, despite a genuine effort to that end, not be allocated a subject, the chairperson of the Examinations Committee shall, in consultation with a representative of the student's department, allocate a subject and a supervisor to the student.

(4) ¹The period between the allocation of the subject and the date of the thesis' submission (standard thesis work period) shall be two months; it may be extended by a maximum of one month upon request and the supervisor's approval. ²The scope of the

subject must be such that it can be completed within the standard thesis work period. ³An extension shall only be permitted in justified, exceptional cases. ⁴If a student submits a doctor's certificate proving that they are incapable of working on the thesis, the period for thesis work shall be suspended temporarily.

(5) ¹The subject of the Bachelor's thesis may only be returned once and within the first three weeks of the thesis work period; returning the subject shall not be permitted for repetitions of the Bachelor's thesis. ²If the subject is returned where it is not admissible, the Bachelor's thesis shall receive the evaluation 'nicht ausreichend' (unsatisfactory; 5.0).

(6) ¹The thesis shall be written in German or, with the approval of the supervisor, in English. ²With the supervisor's agreement, the chairperson of the Examinations Committee may permit students to write the thesis in a different language upon request.

(7) ¹The thesis shall be submitted to the supervisor in duplicate as well as in a machine-readable electronic version. ²The supervisor shall inform the Examinations Office of the date of submission without delay. ³The Bachelor's thesis shall include a declaration by the student confirming that the thesis is an original work and that no other sources or materials than the ones listed were used.

(8) ¹The Bachelor's thesis shall be evaluated by the supervisor who assigned the topic and another examiner appointed by the chairperson of the Examination Committee. ²The chairperson of the Examinations Committee shall arrange for the Bachelor's thesis to be graded within one month. ³The Bachelor's thesis shall be regarded as accepted if it is given a grade of 'ausreichend' (sufficient; 4.0) or better by both examiners, otherwise it shall be regarded as rejected. ⁴The grade awarded for an accepted Bachelor's thesis shall be the average of the two grades; only the first decimal place shall be shown in the final grade and further decimal places shall be omitted without being rounded. Section 19 (2)(4) shall apply accordingly.

(9) ¹If a Bachelor's thesis is rejected, it may be repeated once; a second repetition or revision shall not be permitted. ²The student shall ensure that they receive a new subject for the repetition of the Bachelor's thesis within two months following the announcement of the rejection; otherwise the Bachelor's thesis shall be regarded as having been failed at the final attempt; paragraph 3 (3) shall apply accordingly. ³Paragraphs 1 to 8 shall apply accordingly for the repetition.

Section 28 Resitting Examinations, Additional Modules

(1) ¹With the exception of the GOP and the Bachelor's thesis, every failed module examination may be resat twice. ²The resit examination shall be limited to the failed examination or course achievement. ³Examinations that are part of the GOP according to **Appendix 1** may only be resat once; Section 27 (9) shall apply to repetition of the Bachelor's thesis. ⁴Resit examinations shall take place at the earliest possible date, usually within six months of notification of the first examination result. ⁵The student shall be considered as registered for the next resit examination. ⁶Students shall be obliged to check the status of their registration in the examination administration system regularly and inform the Examinations Office immediately of any discrepancies. ⁷The resit period shall not be interrupted by de-registration or leave of absence. ⁸If a student misses the resit examination or the resit period is not observed, the examination shall be deemed to have been failed unless the Examinations Committee grants

the student a respite due to special reasons beyond the student's control. The standard deadlines according to Section 7 (1) shall continue to apply. ⁹The provisions regarding maternity protection, parental leave and caregiver leave (Section 7(2)) shall apply.

(2) ¹Voluntarily resitting a passed examination of the same module shall not be permitted. ²Unless **Appendix 1** stipulates otherwise, alternative modules may be completed to replace failed modules; the failed attempts in the previous alternative module shall not be counted.

(3) ¹Additional modules are modules that are attended and completed within the examination periods according to Section 7 in addition to successfully completed modules. ²If a student completes additional modules, they shall decide which of the modules shall go into the calculation of the final grade. ³Students shall notify the Examinations Office of their decision at the latest eight weeks before the degree certificate is issued. ⁴This decision is binding. ⁵If no choice is made and if there are different modules from which to choose, the Examinations Office shall use the module with the better grade for the calculation. ⁶Additional modules shall not go into the final grade; they may, however, be included in the transcript of records at the student's request. ⁷Students shall submit such a request to the Examinations Office at the latest four weeks before the degree certificate is issued.

(4) Subject to the special provisions in **Appendix 1**, students may choose in which order they complete the modules.

II: Master's degree program

Section 29 Master's Examination

¹The modules that must be completed as part of the degree programme along with the semester in which they should be taken, as well as details of the module examinations are stipulated in **Appendix 3** to these examination regulations. ²A total of 120 ECTS credits is required to successfully complete the degree programme.

Section 30 Qualification for a Master's Degree Programme

(1) ¹ In order to qualify for admission to a Master's degree programme, students must have:

1. Completed an undergraduate degree that is subject-specific or subject-related to the Master's degree programme, or a degree from a university in Germany or another country with equivalent content.
2. Passed the qualification assessment process according to **Appendix 2**.
3. In the case of a subject-specific degree with a grade worse than 2.5 or of a subject-related degree: a pass in the admissions examination according to **Appendix 2a**.

²In particular, the Bachelor's degree pursuant to these examination regulations or a university degree in molecular medicine, molecular biomedicine, biomedicine, human biology or biomedical sciences with equivalent content shall be regarded as subject-specific. ³Subject-related degrees are in particular degrees in biology, life science and biosciences. ⁴If there are significant differences which can be compensated for, the Examinations Committee may grant admission under the condition that proof of further achievements worth up to a maximum of 20 ECTS credits and to be determined by the Examinations Committee be submitted within one year of being admitted to the Mas-

ter's degree programme. ⁵Admission in this case shall be granted conditionally. ⁶**Section 63 BayHSchG** shall apply to the assessment of equivalence of German and foreign degrees.

(2) ¹Notwithstanding paragraph 1(1), students enrolled in a relevant Bachelor's degree program may be admitted to a Master's degree program if they have achieved at least 150 ECTS credits. ²Proof of the successfully completed Bachelor's degree shall be submitted at the latest within one year of taking up the degree programme; completing the Bachelor's degree programme is a prerequisite for formally starting the Master's degree programme. ³Admission to the Master's degree programme shall be granted conditionally.

(3) Applicants should have completed their undergraduate degree with an overall grade of at least 2.5.

Section 30a Scope and Structure of the Master's Degree Programme

(1) The Master's degree programme consists of the following four areas:

1. Compulsory modules (35 ECTS credits)
2. Compulsory electives A (30 ECTS credits)
3. Compulsory electives B (25 ECTS credits)
4. Master's thesis (30 ECTS credits)

(2) ¹The module grades shall be used in the calculation of the overall grade for each area with the weighting of their ECTS credits unless otherwise specified in **Appendix 3**. ²The grades for each area shall be used in the calculation of the final grade in the Master's examination with the weighting of their ECTS credits.

Section 31 Master's Thesis

(1) ¹The Master's thesis is a graded written assignment that concludes the Master's degree. ²It is intended to show that the student is capable of dealing with a problem from their field independently and according to scientific methods within a set period. ³The Master's thesis may not to any significant degree be identical to a previously submitted Diplom, Bachelor's, Master's or doctoral thesis (prevention of plagiarism). ⁴Students are awarded 30 ECTS credits for the Master's thesis.

(2) ¹Students shall ensure that they are allocated a subject for their Master's thesis in time to observe the deadlines set forth in Section 7, usually at the start of the last semester in the regular duration of studies. ²Students must have acquired at least 70 ECTS credits before they may be allocated a subject for their Master's thesis. ³The subject and the date of its allocation shall be confirmed by the supervisor and presented to the Examinations Office. ⁴Should a student not be allocated a subject, despite a genuine effort to that end, the chairperson of the Examinations Committee shall, in consultation with a representative of the student's department, allocate a subject and a supervisor to the student.

(3) Section 27 (2)(1) to Section 27 (2)(3) shall apply accordingly to supervision of the Master's thesis.

(4) ¹The time between the allocation of a subject and the submission of the Master's thesis shall not exceed six months (standard period for working on the thesis); the scope of the subject must be such that it can be dealt with within this period. ²The

Examinations Committee shall have the right to extend the period for the thesis by a maximum of one month upon receiving a justified request. ³If a student submits a doctor's certificate proving that they are incapable of working on the Master's thesis, the period set for working on the thesis will be suspended temporarily.

(5) ¹The subject may only be returned once with good reason and with the approval of the chairperson of the Examinations Committee within the first third of the period for thesis work. ²Otherwise the Master's thesis shall be graded 'nicht ausreichend' (unsatisfactory; 5.0) if the subject is returned; it shall be regarded as rejected.

(6) ¹The Master's thesis shall be written in English. ²The Master's thesis may be written in German in exceptional cases, in which case approval must be given by the Examinations Committee. ³The Master's thesis shall include a declaration by the student confirming that the thesis is an original work and that no other sources or materials than the ones listed were used. ⁴The Master's thesis shall be submitted to the supervisor in duplicate as well as in a machine-readable electronic version; the time of delivery shall be recorded in writing. ⁵If the Master's thesis is not submitted in time, it shall be graded 'nicht ausreichend' (unsatisfactory; 5.0); it shall be regarded as rejected.

(7) Section 27 (8) shall apply accordingly to grading the Master's thesis.

(8) ¹If the Master's thesis is rejected or if it is regarded as rejected, it may be repeated once; a second repetition shall not be permitted. ²The student shall ensure that they receive a new subject for the repetition of the Master's thesis within the semester following the announcement of the rejection; otherwise the Master's thesis shall be regarded as having been failed at the final attempt; paragraph 2 (4) shall apply accordingly. ³Paragraphs 1–7 shall apply accordingly for the repetition of the Master's thesis; returning the subject shall not be permitted. ⁴The chairperson of the Examinations Committee may permit the student to submit a revised version of the Master's thesis within three months of the announcement of its rejection provided the student agrees and this has not been ruled out after the review. Revision shall not be permitted if the Master's thesis was rejected on grounds of fraud or plagiarism. ⁵Paragraphs 1 to 7 shall apply accordingly with respect to the revised version.

(9) Provisions that deviate from paragraphs 1 to 8 may be agreed upon within the framework of dual degree agreements or degree programme co-operations.

Section 31a Elective Modules

(1) ¹Two modules each accounting for 5 ECTS credits can be chosen as elective modules as defined in Section 44 (3). ²The elective modules are chosen from the catalogue of all courses available at FAU that is published in accordance with local practice at least one week before the semester begins. ³The choice of modules can be amended by the Examinations Committee with effect from the next semester. The available modules shall be announced in accordance with local practice at the latest one week before the semester begins.

(2) ¹The learning outcome of the elective modules is to allow students to gain a fundamental or more in-depth knowledge of certain skills in individual areas chosen according to their own interests. ²In addition, students can acquire specific practical laboratory skills. ³The element of choice also allows students to tailor their profile in view of their career plans.

(3) The type and scope of examinations and the form of the modules are stipulated in the relevant **degree programme and examination regulations** or the module description.

Section 32 Resit Examinations

Section 28 shall apply to resitting examinations and taking additional modules.

Part III: Final and Transitional Provisions

Section 33 Legal Validity

(1) These examination regulations shall come into effect on the day after their publication.

(2) ¹The sixth amendment statute shall come into effect on 01 October 2021. ²It applies to all students who have not yet started examinations for the amended modules (first attempt). ³Notwithstanding sentences 1 and 2, the amendments in Section 30 and **Appendices 2 and 2a** (qualification assessment process for the Master's degree programme) shall apply to all students starting a degree programme from the winter semester 2022/2023 onwards. ⁴Examinations in accordance with previous versions of PO MolMed and examination regulations will be offered for the last time in summer semester 2025 for the Bachelor's degree programme and in summer semester 2024 for the Master's degree programme. ⁵From the date stated in sentence 3, those students who are affected by the examination regulations becoming invalid shall take their examinations in accordance with the currently valid version of the degree programme and examination regulations.

Appendices 1 to 3

Appendix 1: Structure of the Bachelor's Degree Programme in Molecular Medicine

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	1st sem.	2nd sem.	3rd sem.	4th sem.	5th sem.	6th sem.	Type and scope of the examination ¹⁾	Preliminary Examination (GOP*)
		L	T	P	S		ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits		
Physics	Lecture	4				7.5	7.5					Written examination 180 min. (p/f) and Laboratory achievement (p/f)		
	Tutorial on the lecture		2											
	Laboratory course			5										
Physical chemistry	Lecture I	2				7.5	2.5					Written examination 90 min. (p/f) and Laboratory achievement (p/f)		
	Lecture II	2					2.5							
	Laboratory course			2			2.5							
Basics of cell biology	Lecture	3				5	5					Written examination 90 min. (graded)		
General and inorganic chemistry	Lecture	4				5	5					Written examination 90 min. (p/f)	Preliminary Examination (GOP*)	
Laboratory course: Inorganic chemistry ²⁾	Laboratory course			8		5	5					Laboratory achievement (p/f)	Preliminary Examination (GOP*)	
Biochemistry and basics of molecular medicine	Preparatory course: Lecture	1				5	2.5					Leading a discussion 45 min. (p/f) and presentation 10–20 min. (p/f)	Preliminary Examination	
	Tutorial				2									
	Seminar				1			2.5						

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	1st sem.	2nd sem	3rd sem.	4th sem.	5th sem.	6th sem.	Type and scope of the examination ¹⁾	Preliminary Examination (GOP*)
		L	T	P	S		ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits		
													(GOP*)	
Functional anatomy of humans	Anatomy demonstration course	4				5	5					Written examination 60 min. (graded)	Preliminary Examination (GOP*)	
General histology and embryology	Lecture	3				5	5					Written examination 60 min. (graded) and voluntary oral test 10–15 min. (p/f) ³⁾	Preliminary Examination (GOP*)	
	Tutorial/Exercise		2											
Specific histology and organogenesis	Lecture	3				5	5					Written examination 60 min. (graded) and voluntary oral test 10–15 min. (p/f) ³⁾	Preliminary Examination (GOP*)	
	Tutorial/exercise		2											
Basics of human physiology and basics of bioinformatics	General physiology	1.5			0.5	5	5					Written examination 60–90 min. (graded)		
	Bioinformatics	2												
Organic chemistry	Lecture	3				10	5					Written examination 90 min. (p/f) and Laboratory achievement (p/f)		
	Seminar				1									
	Laboratory course			7					5					
Vegetative physiology	Vegetative physiology	4		5	2	10		10				Written examination 60 min. (graded)		

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	1st sem.	2nd sem	3rd sem.	4th sem.	5th sem.	6th sem.	Type and scope of the examination ¹⁾	Preliminary Examination (GOP*)
		L	T	P	S		ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits		
Neurophysiology and neuroanatomy	Neuroanatomy	1.5			0.5	10						Written examination 120 min. (graded) or one part written examination neuroanatomy 60 min. (graded) and one part written examination neurophysiology 60 min. (graded) ⁴⁾		
	Neurophysiology	4		5	2				10					
Biochemistry and molecular biology I	Lecture	4				10						Written examination approx 180 min. (graded)		
	Seminars				3			10						
Biochemistry and molecular biology II	Lecture	4				10						Presentation approx. 10 min. (p/f) and written examination 180 min. (graded)		
	Seminars				4				10					
Laboratory: Biochemistry I	Lecture	2				5						Laboratory achievement (p/f)		
	Laboratory course				4			5						
Laboratory: Biochemistry II	Lecture	2				5						Laboratory achievement (p/f)		
	Laboratory course				4				5					
Microbiology, immunology and virology	Lecture	3				5						Written examination 90 min. (graded)		
	Course	2	1						5					
Human genetics	Lecture	2				5						Written examination 90 min. (graded)		
	Course		4							5				
Laboratory: Cell biology	Laboratory course			5		5						Presentation 10–20 min. (p/f) and laboratory achievement (p/f)		
History of science and medical ethics	History, medical ethics	1			1	2.5						Written examination 60 min. (graded)		

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	1st sem.	2nd sem	3rd sem.	4th sem.	5th sem.	6th sem.	Type and scope of the examination ¹⁾	Preliminary Examination (GOP*)
		L	T	P	S		ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits		
Radiation protection	Course in radiation protection		3			2.5					2.5		Written examination 120 min. (graded)	
Pharmacology and toxicology	Lecture	4				5					5		Written examination 60 min. (graded)	
Molecular pharmacology	Tutorial/exercise		4			5						5	Voluntary presentation 10–20 min. (p/f) and written examination 45–60 min. (graded) ³⁾	
General pathology	Lecture	5				5					5		Written examination approx. 60 min. (graded, 50%) and preparation examination approx. 45 min. (graded)	
	Tutorials		2											
Specific pathology ⁵⁾	Lecture	2				5						5	Written examination approx. 60 min. (graded, 50%) and preparation examination approx. 45 min. (graded)	
	Tutorial/exercise		1											
Biometrics and epidemiology	Lecture	1				5					5		Written examination 90 min. (graded)	
	Tutorials		3											
Compulsory elective module: Experimental laboratory work I				6		5						5	Presentation (graded) and voluntary laboratory achievement (graded)	
Compulsory elective module: Experimental laboratory work II				6		5						5	Presentation (graded) and voluntary laboratory achievement (graded)	

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	1st sem.	2nd sem	3rd sem.	4th sem.	5th sem.	6th sem.	Type and scope of the examination ¹⁾	Preliminary Examination (GOP*)
		L	T	P	S		ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits	ECTS credits		
Bachelor's thesis	Bachelor's thesis					10						10	Presentation (p/f) and written thesis (graded)	
Total SWS:		74	24	49	25									
Total ECTS:						180	32.5	27.5	30	30	30	30		

Key:

¹⁾ (p/f): pass/fail

²⁾ In order to ensure safety in the laboratory, students must pass the examination in General and inorganic chemistry (with experiments) before attending the laboratory course.

³⁾ Students must complete the voluntary achievement if they wish to gain an achievement equivalent to the achievement required in the degree programme in medicine.

⁴⁾ Students may choose to take one 120 minute written examination or two partial examinations of 60 minutes each in the individual subject areas (neuroanatomy and neurophysiology).

⁵⁾ The module 'General pathology' must be passed as a prerequisite for this module.

Appendix 2: Qualification Assessment Process

(1) The qualification assessment process shall be held as needed but at least before each semester in which it is possible to start the Master's degree programme.

(2) ¹Applications for admission to the qualification assessment process shall be submitted to the Master's Office by 15 July at the latest (final deadline). Candidates shall register for the admissions examination pursuant to sentence 2 (6) in conjunction with **Appendix 2a** by 15 June at the latest via the website for the Master's degree programme (final deadline). ²The application shall contain:

1. University degree certificate (Section 30 (1)(1)(1)) or, in the case of Section 30 (2), a transcript of records
2. A CV
3. An application letter
4. Proof of English language proficiency of at least level B2 of the Common European Framework of Reference for Languages which, in particular, may be provided in the form of proof of six years of English lessons at a German Gymnasium; applicants who completed their university entrance qualification or first degree in English shall not be required to provide proof of language proficiency.
5. Proof of research-related activity at a university, relevant stays abroad, awards and prizes, and other relevant activities and knowledge, if applicable.
6. In the case of Section 30 (1)(1)(3), proof of passing the admissions examination according to **Appendix 2a** (deadline for registration: 15 June).

(3) ¹In accordance with Section 8 (4), qualification assessment shall be the responsibility of the Examinations Committee. ²The Examinations Committee may transfer the task of co-ordinating and carrying out the process to individual members.

(4) ¹Admission to the qualification assessment process shall be subject to the timely and complete submission of the documents listed in paragraph (2). ²The qualification assessment process shall be carried out with those applicants who fulfil the requirements according to the provisions in paragraphs (5) and (6). ³Applicants who are rejected shall receive a rejection notification including reasons and information on legal remedies available.

(5) ¹A preselection shall be carried out using the submitted documents in order to determine whether the applicant is likely to be able to demonstrate that they are suitable for the Master's degree programme in the oral examination pursuant to (6). ²Particularly qualified applicants shall be admitted to the Master's degree programme based solely on the preselection. ³In particular, applicants shall be judged particularly qualified if they have a grade of at least 2.5 (= gut, good) in the subject-specific degree according to Section 30 (1)(1)(1) or, in the case of Section 30 (3), an average grade in their previous subject-specific achievements of at least 2.5 (= gut, good). ⁴Section 12 (3) sentences 1 to 3 shall apply accordingly for qualifications and modules with a differing grading system. ⁵Applicants who are not admitted to the Master's degree programme on the basis of the preselection and have a grade of at least 2.5 shall be evaluated according to the following criteria:

1. Quality of the previous degree or previous achievements (two points per increment of 0.1 in the grade) (maximum of 40 points; equivalent to a final grade of 1.0 in previous degree; 38 points equivalent to 1.1 etc.)
2. Quality of the passed admissions examination according to **Appendix 2a** (maximum of 50 points, see **Appendix 2a** for evaluation)
3. Other specialist skills, knowledge and soft skills, in particular research laboratory courses and internships related to molecular medicine (10 points; evaluation pursuant to sentence 6)

⁶For the purposes of the evaluation pursuant to sentence 5 (3), points shall be allocated as follows, with a maximum of 10 points available even if full points are awarded for all sections:

Type	Qualification	Points (10 in total)
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Internship, publications, research exchanges or the like	Practical experimental skills, molecular biology methodology, independent project work, duration	Max. 6 Up to one month = 1 point Up to three months = 2 points Longer than three months = 3 points Publications (peer review) = 1 point Independent project work = 2 points
Training courses, extra-curricular events or the like	Subject-specific and social skills	Max. 4 1 point for each training course/event
Courses in soft skills	Discussion skills, social skills	Max. 2 1 point per course

⁷Applicants with 75–100 points shall be granted direct admission to the Master's degree programme. ⁶Applicants with 60–74 points shall be invited to a qualification assessment interview according to Section 6. ⁹Applicants who are not granted direct admission or invited to a qualification assessment interview on the basis of the result of the preselection shall receive a rejection notification including reasons and information on the legal remedies available; a repetition of the qualification assessment process on the basis of the documents submitted for the first application shall not be permitted.

(6) ¹Applicants who are admitted to the oral examination shall sit this examination before two lecturers appointed by the Examinations Committee; applicants shall be informed of the date of the examination at least two weeks in advance. ²The qualification assessment interview shall last approximately 20 minutes per candidate and shall generally be held in groups of three applicants; it may also be conducted via video phone upon request. ³It is supposed to demonstrate that the applicant possesses the required technical and methodological expertise and can be expected to carry out independent academic work in a more research-oriented degree programme. ⁴The following criteria, weighted equally, shall be assessed in it:

1. Knowledge of the foundations of molecular medicine, relevant theories and basic terminology
2. Ability to form hypotheses and interpret research findings
3. Conceptual approach to academic questions and methodological implementation with regard to molecular medicine

⁵The qualification assessment interview shall be rated as 'bestanden' (pass) or 'nicht bestanden' (fail). ⁶Applicants who have not passed the qualification assessment interview may repeat it once within two consecutive admissions periods; Sentences 1 to 5 shall apply accordingly. ⁷No further repetitions shall be permitted.

(7) ¹Applicants will be notified of the result in writing. ²A rejection notification shall include reasons and information on the legal remedies available; a repetition of the qualification assessment process on the basis of the documents submitted for the first application shall not be permitted.

(8) ¹The qualification assessment process shall be adjusted to take into account the nature and extent of a student's disability. ²Students with a doctor's certificate showing credibly that they are either partially or fully incapable of sitting the examination in the intended manner due to long-term or permanent disabilities which do not affect the performance which is being tested shall be entitled to be granted permission by the chairperson of the Examinations Committee to have this disadvantage offset by working time being extended accordingly or the examination process being structured differently. However, care must be taken to ensure that the examination is still suitable to provide evidence of skills which are being assessed by the examination.

(9) Applicants shall bear their own costs incurred as a result of taking part in the selection interview.

Appendix 2a: Admissions Examination

1. Purpose of the admissions examination
The aim of the admissions examination is to determine whether the applicant possesses the previous knowledge of the subject required for the Master's degree programme in Molecular Medicine.
2. Examination procedure
 - 2.1 ¹The admissions examination shall be conducted at least one month before the end of each application deadline. ²The date of the admissions examination shall be published on the Master's degree programme website at least four weeks in advance.
 - 2.2 Applicants must register for the admissions examination via the Master's degree programme website by 15 June (final deadline).
 - 2.3 ¹If an applicant is unable to attend the admissions examination at FAU for reasons beyond their control or if the effort involved in attending the admissions examination is disproportionate (in particular for applicants from abroad or applicants with disabilities), the admissions examination may be conducted in collaboration with their home university. ²Requests to proceed as such must be made to the coordinator for the Master's degree programme at least one week before the date of the examination; the reasons for the request must be explained and proof must be provided.
3. Examiners
¹The Examinations Committee shall be responsible for co-ordinating, conducting and evaluating the admissions examination according to Section 8 (4). ²The Examinations Committee may transfer the tasks of co-ordinating, conducting and evaluating the admissions examination to individual members.
4. Admissions examination procedure and evaluation
 - 4.1 ¹The admissions examination shall take the form of a 120-minute written examination. ²It shall include questions on human biochemistry, physiology, anatomy, cell biology, pharmacology, pathology and genetics.
 - 4.2 ¹A total of 50 points is allocated to the admissions examination pursuant to sentence 2. ²Points are allocated for the admissions examination as follows: 40 multiple choice questions worth 1 point each and two open questions each worth a maximum of 5 points. ³Points shall be awarded pro rata for partially correct answers to the open questions. ⁴The points achieved shall be included in the preselection pursuant to Appendix 2 (5).
5. Withdrawal, absence, repetition
 - 5.1 ¹Applicants may withdraw from the admissions examination without any negative consequences by sending an e-mail to the Examinations Committee at least three days before the admissions examination. ²Applicants shall only be permitted to withdraw immediately before the admissions examination for reasons beyond their control (e.g. inability to sit the examination due to illness). ³The reasons according to sentence 2 shall be explained in writing and shown credibly to the Examinations Committee without delay. ⁴Applicants shall not be permitted to withdraw after the examination has begun.
 - 5.2 If an applicant does not withdraw from the admissions examination properly or in time or misses the admissions examination, it shall be regarded as failed.
 - 5.3 Applicants may resit the admissions examination on the basis of the documents submitted for the first application once on the next available examination date.
6. Section 14 shall apply accordingly to faults in the admissions examination.
7. Expenses
Applicants shall bear their own costs incurred as a result of taking part in the admissions examination themselves.

Appendix 3: Study Plan for the Master's Degree Programme in Molecular Medicine

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits				Type and scope of the examination/course achievement	Grade factor
		L	T	P	S		1. sem.	2nd sem.	3rd sem.	4th sem.		
Compulsory modules (35 ECTS credits)												
Advanced lectures in molecular medicine 1	Lectures	6				10	10				Written examination 180 min. (graded)	1
Advanced lectures in molecular medicine 2	Lectures	6				10		10			Written examination 180 min. (graded)	1
Architecture of biopolymers	Seminar				2	5	5				Presentation, approx. 30 min., ungraded and written examination 60 min., graded	1
	Computer-based tutorial		2									
Research design	Seminar				3	5		5			Presentation, approx. 30 min. ungraded and written seminar paper graded (7-10 pages)	1
Laboratory: Animal science and biological safety	Lecture: Animal care	1				5	5				Practical examination 120 min. (ungraded)	0
	Animal handling			1.5								
	Lecture: Biological safety	1										
Compulsory electives A (30 ECTS credits)												
Seminar module 1	Seminar				2	5	5				Presentation, approx. 30 min., ungraded and written seminar paper, graded (approx. 20 pages)	1
Seminar module 2	Seminar				2	5		5			Presentation, approx. 30 min., ungraded and written seminar paper, graded (approx. 20 pages)	1
Seminar module 3	Seminar				2	5			5		Either 1, 2 or 3; type of examination stipulated in module handbook by module coordinator: 1. Presentation, approx. 30 min., ungraded and written seminar paper, graded (approx. 20 pages) 2. Presentation, approx. 30 min., ungraded and written examination approx. 90 min., graded 3. Presentation, approx. 30 min., ungraded and moderation 30–45 min., graded	1
Elective module	see Section 31a (3)					5	5				see Section 31a (2)	0
Project development	Lab course with seminar			6	1	10			10		Written project plan (5–10 pages)	1

Module name	Teaching unit	SWS (semester hours)				Total ECTS credits	Distribution of workload per semester in ECTS credits				Type and scope of the examination/course achievement	Grade factor
		L	T	P	S		1. sem.	2nd sem.	3rd sem.	4th sem.		
Compulsory electives B (25 ECTS credits)												
A. Laboratory training (25 credits)												
External module	5-month practical course					25		10	15		Presentation, 20–30 min., ungraded and series of reports, graded (approx. 20–30 pages)	1
B. Laboratory training (25 credits)												
External module	4-month practical course					20		10	10		Presentation, 20–30 min., ungraded and series of reports, graded (approx. 20–30 pages)	1
Elective module	see Section 31a (3)					5			5		see Section 31a (2)	0
C. Laboratory training (25 credits)												
External module	3-month practical course					15			15		Series of reports, graded (approx. 20–30 pages) with presentation of content (20–30 min.), ungraded	1
Laboratory module	2-month practical course					10		10			Series of reports, graded (approx. 20–30 pages) with presentation of content (20–30 min.), ungraded	1
D. Laboratory training (25 credits)												
External module	2-month practical course					10		10			Series of reports, graded (approx. 20–30 pages) with presentation of content (20–30 min.), ungraded	1
Laboratory module	3-month practical course					15			15		Series of reports, graded (approx. 20–30 pages) with presentation of content (20–30 min.), ungraded	1
E. Laboratory training (25 credits)												
Laboratory module	2-month practical course					10		10			Series of reports, graded (approx. 20–30 pages) with presentation of content (20–30 min.), ungraded	1
Laboratory module	2-month practical course					10			10		Series of reports, graded (approx. 20–30 pages) with presentation of content (20–30 min.), ungraded	1
Elective module	see Section 31a (3)					5			5		see Section 31a (2)	0
Work on Master's thesis (30 ECTS credits)												
Master's thesis	6 months					25				25	Written thesis (graded)	1
Master's colloquium					1.5	5				5	Presentation 10–20 min. (graded)	1
Total SWS:							30	30	30	30		
Total ECTS:										120		